WHAT IS CLAIMED IS:

1. A method for determining binder distribution on a sample comprising:

a) selecting a sample,

b) contacting the sample with a transfer medium in a manner such that at least 15% of any binder present on the sample surface is transferred to the transfer medium,

c) exposing the transfer medium from b) to ultraviolet radiation to make the binder fluoresce,

d) imaging visible wave emissions of the fluorescing binder present on the transfer medium onto a camera,

e) converting the image generated in d) to an electronic signal, and

f) relaying the electronic signal generated in e) to a means for correlating distribution of binder to the electronic signal received.

2. The method of Claim 1 in which at least 25% of any binder present on the sample is transferred to the transfer medium in step b).

3. The method of Claim 1 in which the transfer medium is filter paper.

4. The method of Claim 1 in which the binder is a polyisocyanate-based material.

5. The method of Claim 1 in which the binder is polymeric MDI.

6. The method of Claim 1 in which the binder is a polyisocyanate-based material having an oligomeric content of at least 20%.

7. The method of Claim 1 in which the binder is a polyisocyanate-based material having an oligomeric content of at least 25%.

8. The method of Claim 1 in which the means for correlating distribution of binder to the electronic signal received in step e) is a computer.

9. The method of Claim 1 in which the camera used to image the visible wave emissions is also capable of converting the image to an electronic signal.

10. The method of Claim 1 in which the transfer medium is exposed to long wave ultraviolet radiation in step c).

11. A process for the production of wood strand board comprising

a) applying a polyisocyanate to wood strands,
b) monitoring the polyisocyanate/wood strand material in accordance with the method of Claim 1 until the polyisocyanate distribution is within a previously determined acceptable range,
c) forming the polyisocyanate/wood strand material into the desired shape or form, and
d) subjecting the polyisocyanate/wood strand material to curing conditions.